SERNEC – TCN: Keys to the cabinets: Building and Sustaining a Research Database for a Global Biodiversity Hotspot

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iDigBio Summit 2017

NSF Award 1410069
The Project

- Southeastern U.S. vascular plants
- 93 collections
- 12 states
  - 28 hubs
- 6 partners
- 4.5M specimens
Workflow

Image / Skeletal Data Capture

Transcription / Georeferencing

Mobilization / Repatriation
A Story

- Citizen Science Activities
- Label transcription
  - Enhanced workflow
  - Collaboration with BioSpex
  - Participation in WeDigBio
A Story

• Participation in WeDigBio
  • 19,000 transcriptions
  • 15 SERNEC expeditions
  • Two onsite events with over 2,000 transcriptions in a single day
Lesson Learned

• Workflow development
  • Valdosta, 2015
  • http://dx.doi.org/10.3732/apps.1500065
• Support for multiple workflows and variations
  • Troubleshooting
  • Variations
Thank you!

Notes from Nature

CYVERSE

GEOLocate

Symbiotica Promoting Bio-Collaboration
• TCN PRESENTATIONS (via powerpoint) Each TCN will give a 5-minute lightning presentation that covers: 1. A short overview of your TCN
• 2. One story that highlights your efforts/accomplishments in workflows, sustainability, collaboration, broader impacts, and/or research use of data, and
• 3. One lesson learned (from something that didn’t go as expected) that you think could help other TCNs/PENs, especially those that are just beginning their projects.